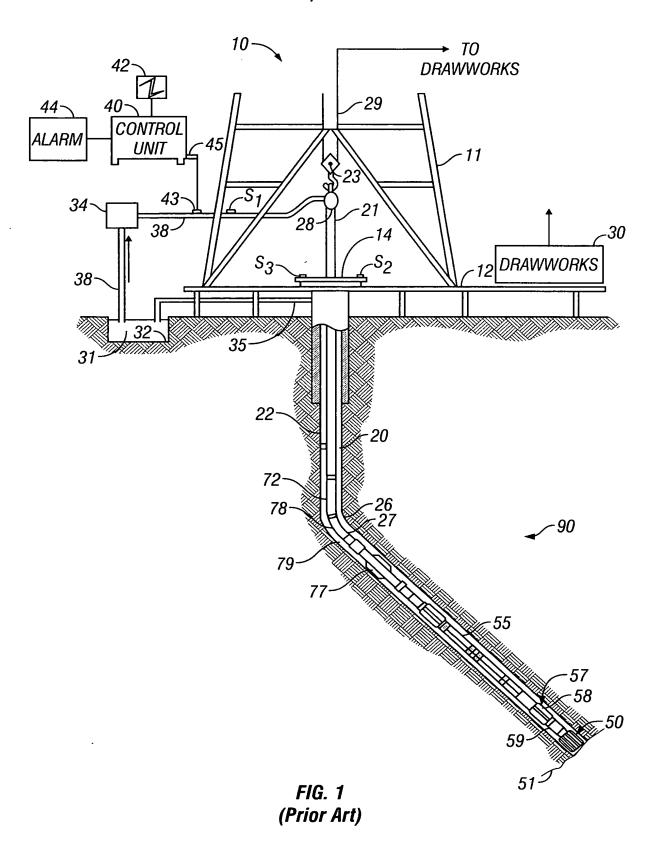


Title: "Downhole High Resolution NMR Spectroscopy with Polarization ...... Serial No.: 10/696,995; Filed: October 30, 2003; Confirmation No.: 7879

Docket No.: 414-35879-USCP

# 1PA/10





Title: "Downhole High Resolution NMR Spectroscopy with Polarization ...... Serial No.: 10/696,995; Filed: October 30, 2003; Confirmation No.: 7879 Docket No.: 414-35879-USCP

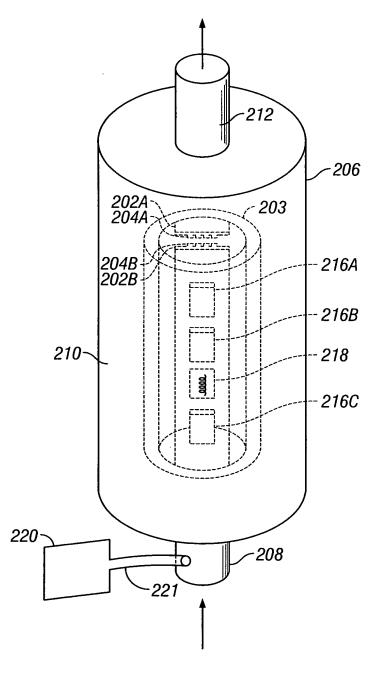
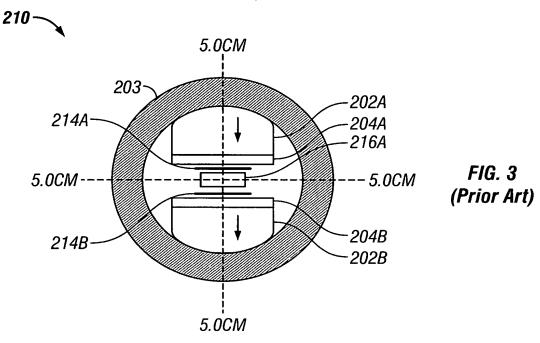


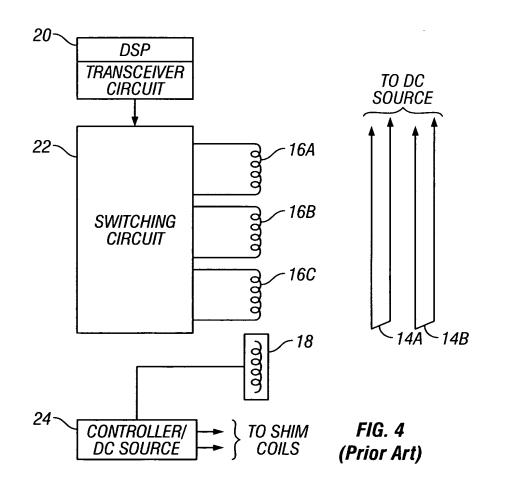
FIG. 2



Title: "Downhole High Resolution NMR Spectroscopy with Polarization ...... Serial No.: 10/696,995; Filed: October 30, 2003; Confirmation No.: 7879

Docket No.: 414-35879-USCP

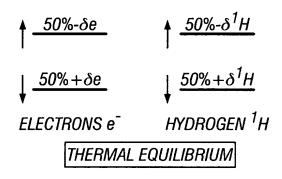






Title: "Downhole High Resolution NMR Spectroscopy with Polarization ...... Serial No.: 10/696,995; Filed: October 30, 2003; Confirmation No.: 7879

Docket No.: 414-35879-USCP



$$\begin{array}{c|c}
 & 50\% \\
\hline
 & 50\% + c - \delta^{1}H \\
\hline
 & 50\% + c - \delta^{1}H \\
\hline
 & 50\% - c - \delta^{1}H \\
\hline
 & ELECTRONS e^{-} HYDROGEN^{1}H \\
\hline
 & FORCED EQUILIBRIUM
\end{array}$$

FIG. 5

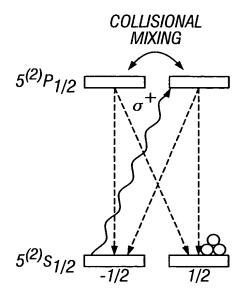


FIG. 6A

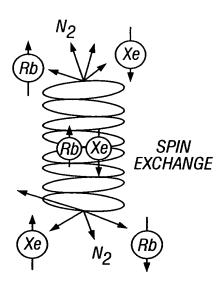


FIG. 6B



Title: "Downhole High Resolution NMR Spectroscopy with Polarization ...... Serial No.: 10/696,995; Filed: October 30, 2003; Confirmation No.: 7879

Docket No.: 414-35879-USCP

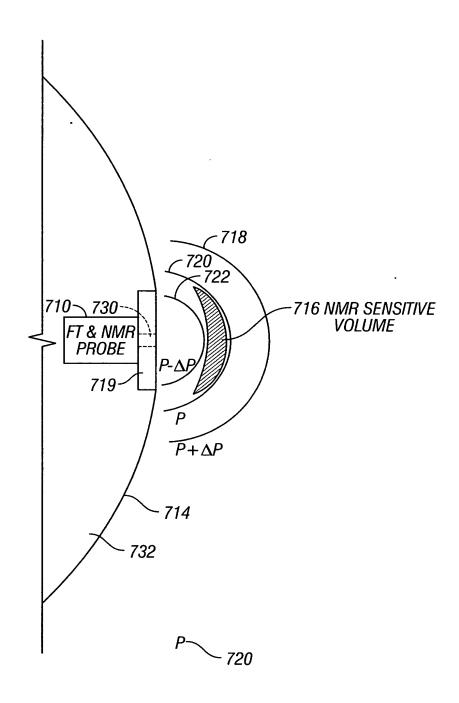
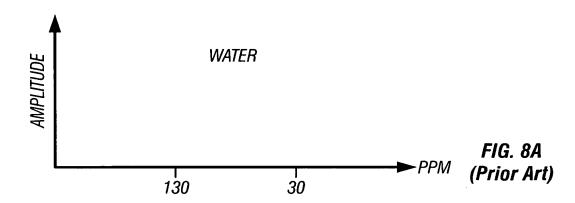


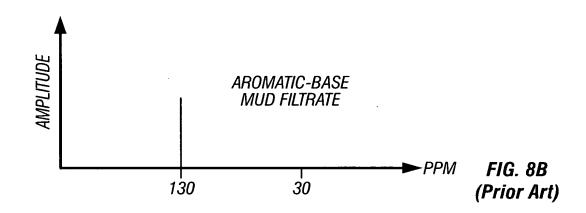
FIG. 7 (Prior Art)

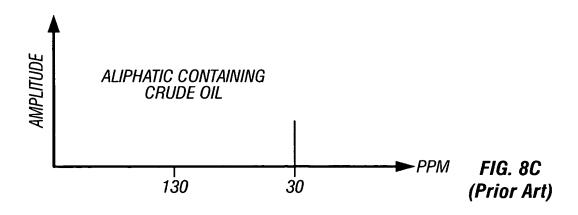


Title: "Downhole High Resolution NMR Spectroscopy with Polarization ...... Serial No.: 10/696,995; Filed: October 30, 2003; Confirmation No.: 7879

Docket No.: 414-35879-USCP



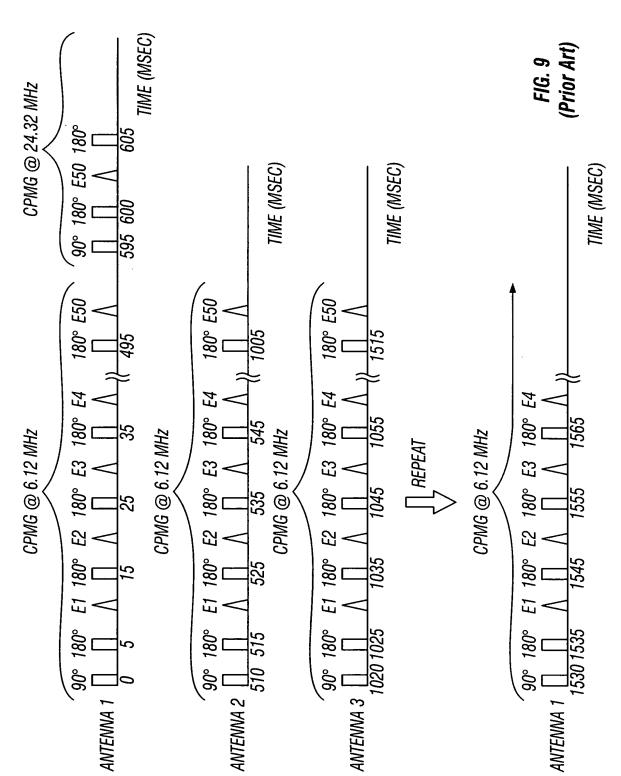






Title: "Downhole High Resolution NMR Spectroscopy with Polarization ...... Serial No.: 10/696,995; Filed: October 30, 2003; Confirmation No.: 7879

Docket No.: 414-35879-USCP





Title: "Downhole High Resolution NMR Spectroscopy with Polarization ...... Serial No.: 10/696,995; Filed: October 30, 2003; Confirmation No.: 7879

Docket No.: 414-35879-USCP

#### 8/10

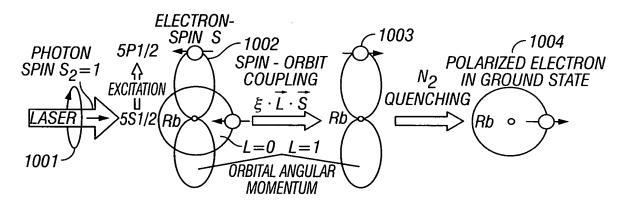
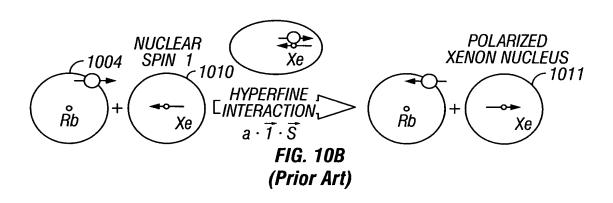
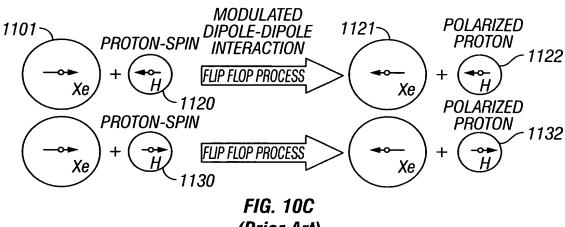


FIG. 10A (Prior Art)





(Prior Art)



Title: "Downhole High Resolution NMR Spectroscopy with Polarization ...... Serial No.: 10/696,995; Filed: October 30, 2003; Confirmation No.: 7879

Docket No.: 414-35879-USCP

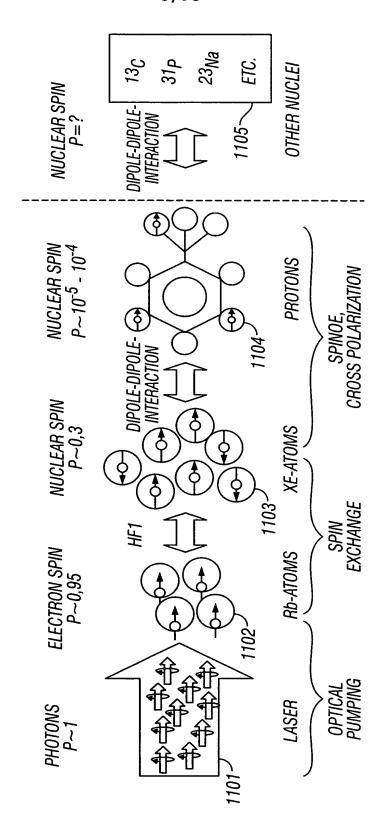


FIG. 11 (Prior Art)



Title: "Downhole High Resolution NMR Spectroscopy with Polarization ...... Serial No.: 10/696,995; Filed: October 30, 2003; Confirmation No.: 7879

Docket No.: 414-35879-USCP

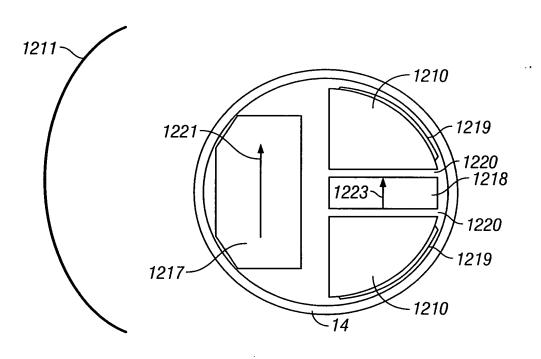


FIG. 12 (Prior Art)

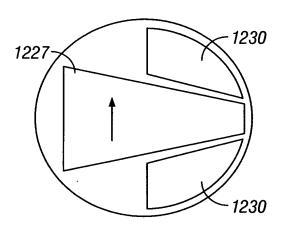


FIG. 12A (Prior Art)

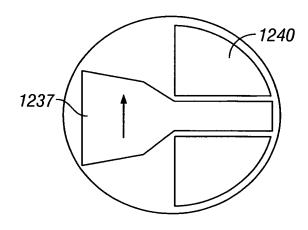


FIG. 12B (Prior Art)